

TYPICAL SECTION

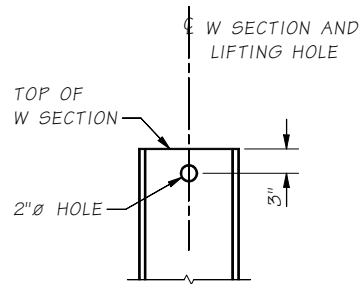
SHOWN FOR SOLDIER PILE WITH P.G.A.
SIMILAR FOR SOLDIER PILE WITHOUT P.G.A.

P.G.A.= PERMANENT GROUND ANCHOR

LAGGING SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL IN ACCORDANCE WITH THE STANDARD SPECIFICATION SECTION 6-16.3(6).

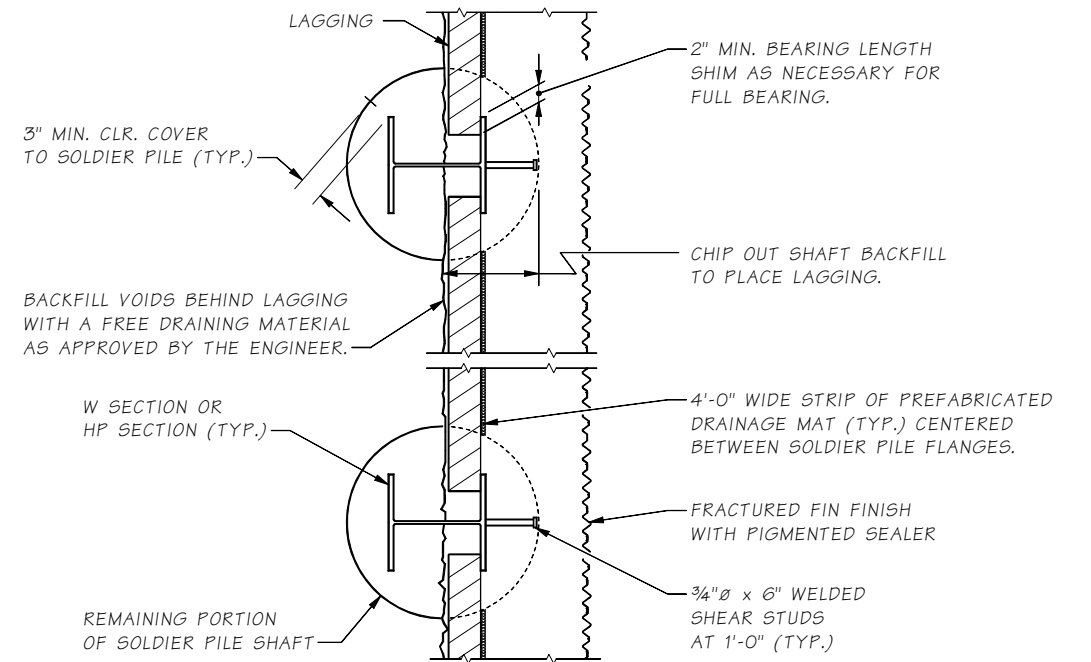
* USE CONTROLLED DENSITY FILL WHEN PLACED IN THE DRY. USE PUMPABLE LEAN CONCRETE WHEN PLACED IN THE WET.

LAGGING IN SERVICE
LESS THAN 36 MONTHS

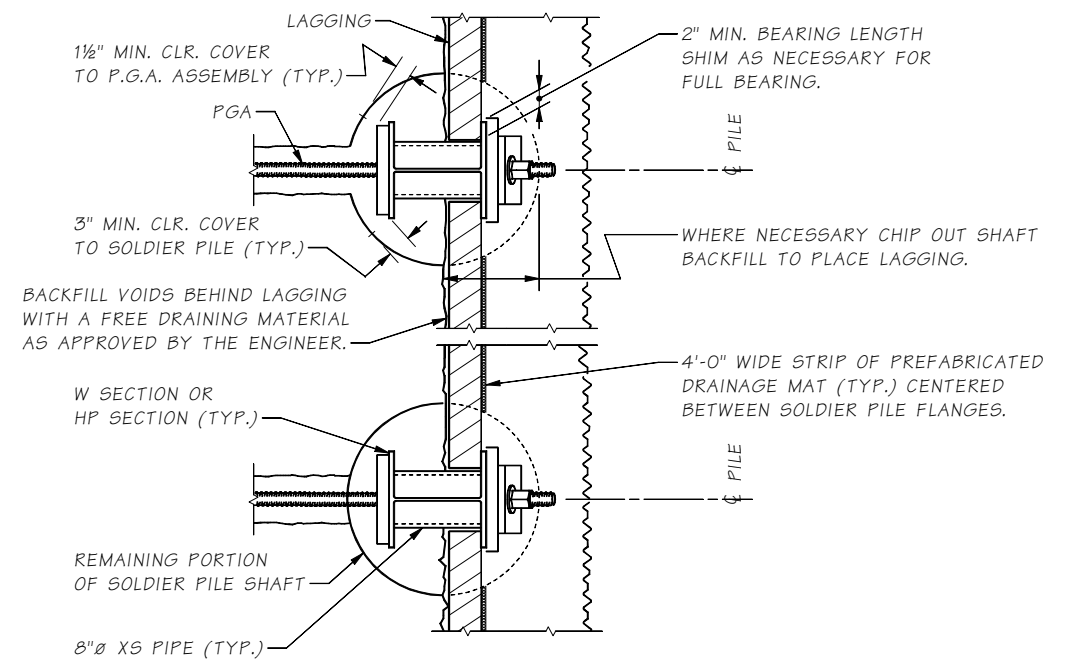


SOLDIER PILE LIFTING HOLE

LIFTING HOLE TO BE DRILLED IN THE SHOP PRIOR TO PAINTING THE PILE.



PLAN SOLDIER PILE WALL WITHOUT P. G. A.



PLAN SOLDIER PILE WALL WITH P. G. A.

Note to Designer:

For walls with P.G.A. use a section size with a flange width bigger than or equal to HP12x53 or W12x65

Bridge Design Engr.	M:\STANDARDS\Walls\SOLDIER TIEBACK DETAILS A.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Wed Oct 27 10:45:30 2010

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

SOLDIER PILE/TIEBACK WALL
DETAILS 1 OF 2

BRIDGE
SHEET
NO.
SHEET
OF
SHEETS

SR JOB NO. SHEET

8.1-A3-2